

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/051723

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC 7    B01J23/96    C07C17/25    C07C5/09    C01B7/07		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) IPC 7    B01J		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 24 38 153 A (DEGUSSA) 19 February 1976 (1976-02-19) cited in the application	9
Y	page 3, line 5 - line 40 page 5, line 10 - line 15 page 11, line 4 - line 11 example 2	1-8
X	MÜLLER HERBERT ET AL: "Die selektive Hydrierung von Acetylene im Herstellungsverfahren für Vinylchlorid" CHEMIE. INGENIEUR. TECHNIK, VERLAG CHEMIE GMBH. WEINHEIM, DE, vol. 59, no. 8, 1987, pages 645-647, XP002117589 ISSN: 0009-286X cited in the application	9
Y	page 647, last paragraph  -/-	1-8
<div style="display: flex; justify-content: space-between;"> <span><input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.</span> <span><input checked="" type="checkbox"/> Patent family members are listed in annex.</span> </div>		
<div style="display: flex;"> <div style="flex: 1;"> <p>* Special categories of cited documents:</p> <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="flex: 1;"> <p>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>*Z* document member of the same patent family</p> </div> </div>		
Date of the actual completion of the international search  <div style="text-align: center; font-weight: bold;">29 October 2004</div>		Date of mailing of the international search report  <div style="text-align: center; font-weight: bold;">18/11/2004</div>
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer  <div style="text-align: center; font-weight: bold;">Besselmann, S</div>

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	GB 924 627 A (HOECHST AG) 24 April 1963 (1963-04-24) page 2, line 38 - line 56 examples	1-8
Y	GB 811 820 A (ENGLEHARD IND INC) 15 April 1959 (1959-04-15) page 1, line 17 - line 32 example IV	1-8
Y	US 5 332 705 A (DANIEL LAWRENCE G ET AL) 26 July 1994 (1994-07-26) column 1, line 8 - line 42 column 2, line 11 - line 13 column 4, line 57 - line 68 example 2	1-8

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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GB 924627	A	24-04-1963	BE 582872 A	
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